

**ARIZONA CORPORATION COMMISSION**  
**UTILITIES DIVISION**

ANNUAL REPORT MAILING LABEL – MAKE CHANGES AS NECESSARY

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W-01445A  
Arizona Water Company  
P. O. Box 29006  
Phoenix AZ 850389006

**RECEIVED**

APR 12 2005

AZ Corporation Commission  
Director Of Utilities

**ANNUAL REPORT**

**FOR YEAR ENDING**

12	31	2004
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FOR COMMISSION USE

ANN04	04
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## COMPANY INFORMATION

<b>Company Name (Business Name)</b> Arizona Water Company			
<b>Mailing Address</b> PO Box 29006			
Phoenix	(Street)	AZ	85038-9006
(City)		(State)	(Zip)
(602) 240-6860		(602) 240-6878	
Telephone No. (Include Area Code)		Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)
<b>Email Address</b> Mail@azwater.com			
<b>Local Office Mailing Address</b> PO Box 29006			
Phoenix	(Street)	AZ	85038-9006
(City)		(State)	(Zip)
(602) 240-6860		(602) 240-6878	
Local Office Telephone No. (Include Area Code)		Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)
<b>Email Address</b> Mail@azwater.com			

## MANAGEMENT INFORMATION

<b>Management Contact:</b> William M. Garfield		President/CEO	
(Name)		(Title)	
3805 North Black Canyon Highway		Phoenix, AZ 85015-5351	
(Street)	(City)	(State)	(Zip)
(602) 240-6860	(602) 240-6878		
Telephone No. (Include Area Code)		Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)
<b>Email Address</b> President@azwater.com			
<b>On Site Manager:</b> See "Attachment A"			
(Name)			
(Street)	(City)	(State)	(Zip)
Telephone No. (Include Area Code)		Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)
<b>Email Address</b>			

☐ Please mark this box if the above address(es) have changed or are updated since the last filing.



# ARIZONA WATER COMPANY

## DIVISION OFFICES

### Attachment A

ADDRESS	OFFICE	ON-SITE MANAGER PHONE & FAX E-MAIL ADDRESS
2380 W. Southern Ave. PO Box 400 (85217) Apache Junction, AZ 85220	<b>Apache Junction</b>	<b>Judd Williams</b> (480)982-2201 (480)983-6390 ApacheJunction@AZWater.Com
1345 Naco Highway, Suite A PO Box AW Bisbee, AZ 85603	<b>Bisbee</b>	<b>Joe Mauzy</b> (520)432-5321 (520)432-1244 Bisbee@AZWater.Com
77 Calle Portal B-120 PO Box 2020 Sierra Vista, AZ 85635	<b>Sierra Vista</b>	<b>Joe Mauzy</b> (520)458-5660 (520)459-2533 SierraVista@AZWater.Com
220 E. 2 <sup>nd</sup> . St. Casa Grande, AZ 85222 PO Box 11030 Casa Grande, AZ 85230-1030	<b>Casa Grande</b> <b>(Ajo, Stanfield, Tierra Grande, and White Tank)</b>	<b>Jerry Dexel</b> (520)836-8785 (520)836-2850 CasaGrande@AZWater.Com
448 W. Central Ave. PO Box 1568 Coolidge, AZ 85228	<b>Coolidge</b>	<b>Jerry Dexel</b> (520)723-5346 (520)723-3081 Coolidge@AZWater.Com
1669 N. White Mountain Blvd. PO Box 246 Lakeside, AZ 85929	<b>Lakeside</b>	<b>Ted Millspaugh</b> (928)368-6993 (928)368-8375 Lakeside@AZWater.Com
2047 Highway 277 PO Box 117 Overgaard, AZ 85933	<b>Overgaard</b>	<b>Ted Millspaugh</b> (928)535-4469 (928)535-4591 Overgaard@AZWater.Com
422 Sullivan St. PO Box A Miami, AZ 85539	<b>Miami</b>	<b>Freddy Rios</b> (928)473-4433 (928)473-2271 Miami@AZWater.Com
20 N. Magma Ave. PO Box R Superior, AZ 85273	<b>Superior</b>	<b>Freddy Rios</b> (520)689-2312 (520)689-2615 Superior@AZWater.Com
460 Avenue A PO Box 120 San Manuel, AZ 85631	<b>San Manuel</b> <b>(Oracle Winkelman)</b>	<b>Charles H. Allen III</b> (520)385-2226 (520)385-2082 SanManuel@AZWater.Com
65 Coffee Pot Dr. Ste. 7 Sedona, AZ 86336	<b>Sedona</b> <b>(Pinewood Rimrock)</b>	<b>Raymond Miller</b> (928)282-5555 (928)282-6131 Sedona@AZWater.Com

<b>Statutory Agent:</b> Robert W. Geake			
(Name)			
3805 North Black Canyon Highway		Phoenix, AZ 85015-5351	
(Street)	(City)	(State)	(Zip)
(602) 240-6860		(602) 240-6878	
Telephone No. (Include Area Code)		Fax No. (Include Area Code)	
(602) 240-6860		(602) 240-6878	
Telephone No. (Include Area Code)		Fax No. (Include Area Code)	
<b>Attorney:</b> Robert W. Geake			
(Name)			
3805 North Black Canyon Highway		Phoenix, AZ 85015-5351	
(Street)	(City)	(State)	(Zip)
(602) 240-6860		(602) 240-6878	
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### **OWNERSHIP INFORMATION**

Check the following box that applies to your company:

- |   |  |
|---|--|
| <input type="checkbox"/> Sole Proprietor (S)    | <input checked="" type="checkbox"/> C Corporation (C) (Other than Association/Co-op) |
| <input type="checkbox"/> Partnership (P)        | <input type="checkbox"/> Subchapter S Corporation (Z)                                |
| <input type="checkbox"/> Bankruptcy (B)         | <input type="checkbox"/> Association/Co-op (A)                                       |
| <input type="checkbox"/> Receivership (R)       | <input type="checkbox"/> Limited Liability Company                                   |
| <input type="checkbox"/> Other (Describe) _____ |  |

### **COUNTIES SERVED**

Check the box below for the county/ies in which you are certificated to provide service:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> APACHE            | <input checked="" type="checkbox"/> COCHISE  | <input checked="" type="checkbox"/> COCONINO |
| <input checked="" type="checkbox"/> GILA   | <input type="checkbox"/> GRAHAM              | <input type="checkbox"/> GREENLEE            |
| <input type="checkbox"/> LA PAZ            | <input checked="" type="checkbox"/> MARICOPA | <input type="checkbox"/> MOHAVE              |
| <input checked="" type="checkbox"/> NAVAJO | <input checked="" type="checkbox"/> PIMA     | <input checked="" type="checkbox"/> PINAL    |
| <input type="checkbox"/> SANTA CRUZ        | <input checked="" type="checkbox"/> YAVAPAI  | <input type="checkbox"/> YUMA                |
| <input type="checkbox"/> STATEWIDE         |  |  |

COMPANY NAME: ARIZONA WATER COMPANY

UTILITY PLANT IN SERVICE

Acct. No.	DESCRIPTION	Original Cost (OC)	Accumulated Depreciation (AD) *	O.C.L.D. (OC LESS AD)
301	Intangible-Organization	651		
302	Intangible-Franchises	30,489		
303	Intangible-Miscellaneous	877,819		
310.10	Source of Supply-Water Rights	2,695,084		
310.30	Source of Supply-Land-Other-Wells	616,389		
314	Source of Supply-Wells	18,057,678		
320	Pumping-Land	79,789		
321	Pumping-Structures and Improvements	689,553		
325	Pumping-Electrical Equipment	17,011,819		
328	Pumping-Gas Engine Equipment	199,806		
330	Water Treatment-Land	550		
331	Water Treatment-Structures and Improvements	341,253		
332	Water Treatment-Equipment	1,140,381		
340	Transmission and Distribution-Land	510,923		
342	Transmission and Distribution-Storage Tanks	10,883,235		
343	Transmission and Distribution-Mains	108,836,779		
344	Transmission and Distribution-Fire Sprinklers	32,251,587		
345	Transmission and Distribution-Services	2,400,249		
346	Transmission and Distribution-Meters	5,367,390		
348	Transmission and Distribution-Hydrants	9,365,283		
389	General-Land	63,651		
390	General-Structures and Improvements	1,671,181		
391	General-Office Furniture and Equipment	4,850,817		
393	General-Stores Equipment	42,685		
394	General-Tools, Shop and Garage Equipment	1,005,699		
395	General-Laboratory Equipment	63,443		
396	General-Power Operated Equipment	187,869		
397	General-Communication Equipment	2,644,544		
398	General-Miscellaneous Equipment	264,887		
	Totals	222,151,483	55,163,094	166,988,389
	LEASEHOLD IMPROVEMENTS			
390	General-Structures and Improvements	2,333,580	882,905	1,450,675
	TOTALS	224,485,063	56,045,999	168,439,064

\* Depreciation is calculated using composite and component depreciation rates. Leasehold improvements are amortized on a straight line basis over the life of the lease.

COMPANY NAME: ARIZONA WATER COMPANY

**CALCULATION OF DEPRECIATION EXPENSE FOR CURRENT YEAR**

Acct. No.	DESCRIPTION	Original Cost (1)	Depreciation Percentage (2) *	Depreciation Expense (1 x 2)
301	Intangible-Organization	651		
302	Intangible-Franchises	30,489		
303	Intangible-Miscellaneous	877,819		
310.10	Source of Supply-Water Rights	2,695,084		
310.30	Source of Supply-Land-Other-Wells	616,389		
314	Source of Supply-Wells	18,057,678		
320	Pumping-Land	79,789		
321	Pumping-Structures and Improvements	689,553		
325	Pumping-Electrical Equipment	17,011,819		
328	Pumping-Gas Engine Equipment	199,806		
330	Water Treatment-Land	550		
331	Water Treatment-Structures and Improvements	341,253		
332	Water Treatment-Equipment	1,140,381		
340	Transmission and Distribution-Land	510,923		
342	Transmission and Distribution-Storage Tanks	10,883,235		
343	Transmission and Distribution-Mains	108,836,779		
344	Transmission and Distribution-Fire Sprinklers	32,251,587		
345	Transmission and Distribution-Services	2,400,249		
346	Transmission and Distribution-Meters	5,367,390		
348	Transmission and Distribution-Hydrants	9,365,283		
389	General-Land	63,651		
390	General-Structures and Improvements	1,671,181		
391	General-Office Furniture and Equipment	4,850,817		
393	General-Stores Equipment	42,685		
394	General-Tools, Shop and Garage Equipment	1,005,699		
395	General-Laboratory Equipment	63,443		
396	General-Power Operated Equipment	187,869		
397	General-Communication Equipment	2,644,544		
398	General-Miscellaneous Equipment	264,887		
	Totals	222,151,483	2.5771%	4,752,142
	LEASEHOLD IMPROVEMENTS			
390	General-Structures and Improvements	2,333,580	straight-line	106,318
	TOTALS	224,485,063		4,858,460

\* Depreciation is calculated using a composite rate for the Northern and Western Groups and component for the Eastern Group.  
The combined depreciation rate is 2.5771%. Leasehold improvements are amortized on a straight line basis over the life of the lease.

**BALANCE SHEET**

Acct. No.	ASSETS	BALANCE AT BEGINNING OF YEAR	BALANCE AT END OF YEAR
	<b>CURRENT AND ACCRUED ASSETS</b>		
131	Cash	\$313,058	\$481,016
134	Other Special Deposits	1,950	1,950
135	Working Funds	30,550	43,550
142	Customer Accounts Receivable	866,339	915,437
143	Other Accounts Receivable	27,584	(22,093)
144	Accumulated Provision for Uncollectible Accounts	(20,365)	(17,507)
154	Plant Materials and Supplies	189,392	185,857
163	Stores Expense	15,257	15,196
166	Prepayments	346,910	661,171
173	Accrued Utility Revenues	1,601,090	1,685,131
	<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>\$3,371,765</b>	<b>\$3,949,708</b>
	<b>DEFERRED DEBITS</b>		
181	Unamortized Debt Discount and Expense	\$37,992	\$35,088
184	Clearing Accounts	2,040	105
185	Temporary Facilities	(26,740)	(26,740)
186	Miscellaneous Deferred Debits	6,256,823	6,046,721
	<b>TOTAL DEFERRED DEBITS</b>	<b>\$6,270,115</b>	<b>\$6,055,174</b>
	<b>FIXED ASSETS</b>		
101	Utility Plant in Service	\$206,921,436	\$224,485,063
107	Construction Work in Process	1,761,907	2,885,398
108	Accumulated Depreciation - Utility Plant	(51,538,267)	(56,045,999)
114	Utility Plant Acquisition Adjustment	(832,483)	(832,483)
115	Accum. Amort. of Utility Plant Acq. Adj.	832,483	832,483
121	Non-Utility Property	753	753
122	Accumulated Depreciation - Non Utility	0	0
	<b>TOTAL FIXED ASSETS</b>	<b>\$157,145,829</b>	<b>\$171,325,215</b>
	<b>TOTAL ASSETS</b>	<b>\$166,787,709</b>	<b>\$181,330,097</b>

NOTE: The Assets on this page should be equal to Total Liabilities and Capital on the following page.

**BALANCE SHEET (CONTINUED)**

Acct. No.	LIABILITIES	BALANCE AT BEGINNING OF YEAR	BALANCE AT END OF YEAR
	<b>CURRENT LIABILITIES</b>		
231	Notes Payable (Current Portion)	\$400,000	\$400,000
232	Accounts Payable	2,238,803	3,308,188
235	Customer Deposits	452,647	542,553
236	Accrued Taxes	637,355	0
237	Accrued Interest	530,652	514,933
242	Miscellaneous Current and accrued Liabilities	445,314	515,615
	<b>TOTAL CURRENT LIABILITIES</b>	<b>\$4,704,771</b>	<b>\$5,281,289</b>
	<b>LONG-TERM DEBT (Over 12 Months)</b>		
221	Bonds	\$21,800,000	\$21,400,000
224	Other Long-Term Debt	0	0
	<b>TOTAL LONG-TERM DEBT (Over 12 Months)</b>	<b>\$21,800,000</b>	<b>\$21,400,000</b>
	<b>DEFERRED CREDITS</b>		
252	Advances in Aid of Construction	39,053,165	43,105,165
253	Other Deferred Credits	2,618,131	3,099,757
265	Miscellaneous Operating Reserves	293,196	630,798
271	Contributions in Aid of Construction	26,941,615	28,590,484
272	Less: Amortization of Contributions	(4,616,311)	(5,273,522)
281	Accumulated Deferred Investment Tax Credits	719,545	683,494
281	Accumulated Deferred Income Tax	14,157,223	16,897,857
	<b>TOTAL DEFERRED CREDITS</b>	<b>\$79,166,564</b>	<b>\$87,734,033</b>
	<b>TOTAL LIABILITIES</b>	<b>\$105,671,335</b>	<b>\$114,415,322</b>
	<b>CAPITAL ACCOUNTS</b>		
201	Common Stock Issued	\$2,700,000	\$2,700,000
211	Miscellaneous Paid-In Capital	8,970,647	9,087,347
216	Retained Earnings	49,445,727	55,127,428
	<b>TOTAL CAPITAL</b>	<b>\$61,116,374</b>	<b>\$66,914,775</b>
	<b>TOTAL LIABILITIES AND CAPITAL</b>	<b>\$166,787,709</b>	<b>\$181,330,097</b>



**COMPARATIVE STATEMENT OF INCOME AND EXPENSE**

Acct. No.	OPERATING REVENUES	PRIOR YEAR	CURRENT YEAR
461	Metered Water Revenue	\$35,437,140	\$37,904,727
462	Fire Protection Revenue	30,470	33,079
470	Late Charges	0	74,698
471	Miscellaneous Service Revenues	1,680,182	1,626,083
472	Rents from Water Property	2,100	5,050
474	Other Water Revenues	395,412	383,252
	<b>TOTAL OPERATING REVENUES</b>	<b>\$37,545,304</b>	<b>\$40,026,889</b>
	<b>OPERATING EXPENSES</b>		
600	Source of Supply Operation-Supervision and Engineering	\$40,936	\$49,401
601	Source of Supply Operation-Labor and Expenses	0	0
602	Source of Supply Operation-Purchased Water	1,460,269	1,453,470
603	Source of Supply Operation-Miscellaneous	57,111	61,957
610	Source of Supply Maintenance-Supervision and Engineering	30,259	34,624
614	Source of Supply Maintenance-Wells and Springs	4,263	7,127
620	Pumping Operation-Supervision and Engineering	55,645	59,257
623	Pumping Operation-Purchased Power	3,092,902	3,248,112
624	Pumping Operation-Labor and Expenses	591,535	590,008
630	Pumping Maintenance-Supervision and Engineering	31,274	35,040
631	Pumping Maintenance-Structures and Improvements	119,985	93,000
633	Pumping Maintenance-Equipment	350,936	311,059
640	Water Treatment Operation-Supervision and Engineering	34,299	40,079
641	Water Treatment Operation-Chemicals	269,581	246,391
642	Water Treatment Operation-Labor and Expenses	373,776	316,890
650	Water Treatment Maintenance-Supervision and Engineering	35,310	39,892
651	Water Treatment Maintenance-Structures and Improvements	2,322	633
652	Water Treatment Maintenance-Equipment	160,447	177,475
660	Trans. and Distrib. Operation-Supervision and Engineering	93,719	101,901
661	Trans. and Distrib. Operation-Storage Facilities	31,650	24,720
662	Trans. and Distrib. Operation-Lines Expenses	464,710	469,251
663	Trans. and Distrib. Operation-Meters	833,480	983,768
664	Trans. and Distrib. Operation-Customer Installations	90,036	94,582
665	Trans. and Distrib. Operation-Miscellaneous	86,583	90,088
666	Trans. and Distrib. Operation-Rents	14,747	21,160
670	Trans. and Distrib. Maintenance-Supervision and Engineering	178,114	219,366
672	Trans. and Distrib. Maintenance-Tanks	297,465	393,852
673	Trans. and Distrib. Maintenance-Mains	545,875	607,255
675	Trans. and Distrib. Maintenance-Services	682,905	743,557
676	Trans. and Distrib. Maintenance-Meters	331,298	326,966
677	Trans. and Distrib. Maintenance-Hydrants	71,166	111,468

COMPANY NAME: ARIZONA WATER COMPANY

**COMPARATIVE STATEMENT OF INCOME AND EXPENSE (CONTINUED)**

Acct. No.	OPERATING EXPENSES (CONTINUED)	PRIOR YEAR	CURRENT YEAR
901	Customer Accounts Operation-Supervision	\$136,915	\$141,346
902	Customer Accounts Operation-Meter Reading	470,071	542,225
903	Customer Accounts Operation-Customer Records and Collection	2,147,187	2,219,619
904	Customer Accounts Operation-Uncollectible Accounts	83,490	70,166
905	Customer Accounts Operation-Miscellaneous	299,212	301,441
907	Customer Service and Information Operation	13,589	15,943
910	Sales Promotion Operation	0	0
920	Administrative and General Operation-Salaries	1,023,048	1,029,909
921	Administrative and General Operation-Office Supplies and Other	123,268	116,585
923	Administrative and General Operation-Outside Services Employed	253,215	332,190
924	Administrative and General Operation-Property Insurance	27,792	23,841
925	Administrative and General Operation-Injuries and Damages	310,280	272,081
926	Administrative and General Operation-Employee Pensions and Benefits	1,945,924	2,030,836
928	Administrative and General Operation-Regulatory Commission	145,137	219,075
930	Administrative and General Operation-Miscellaneous	61,366	69,255
931	Administrative and General Operation-Rents	118,216	119,093
932	Administrative and General Maintenance	180,679	172,325
403	Depreciation Expense	4,406,824	4,752,142
404	Amortization Leasehold Improvements and Limited Term Utility Plant	64,255	106,318
408.10	Taxes Other than Income Taxes	5,403,268	5,674,866
409.10	Income Taxes	2,745,016	3,473,252
	<b>TOTAL OPERATING EXPENSES</b>	<b>\$30,391,350</b>	<b>\$32,634,857</b>
	<b>OTHER INCOME/EXPENSE</b>		
416	Cost and Expenses of Merchandising, Jobbing and Contract Work	(\$23,381)	(\$19,521)
420	Allowance for Funds Used During Construction	(52,504)	(147,025)
421	Miscellaneous Nonoperating Income	(65,067)	(3,549,685)
427	Interest on Long Term-Term Debt	1,886,383	1,849,383
428	Amortization of Debt Discount and Expense	2,904	2,904
430	Interest on Debt to Associated Companies	100,088	164
431	Other Interest Expense	29,139	27,427
432	Allowance for Funds Used During Construction	(163,228)	(130,716)
	<b>TOTAL OTHER INCOME/EXPENSE</b>	<b>\$1,714,334</b>	<b>(\$1,967,069)</b>
	<b>NET INCOME</b>	<b>\$5,439,620</b>	<b>\$9,359,101</b>

COMPANY NAME

ARIZONA WATER COMPANY

**SUPPLEMENTAL FINANCIAL DATA****Long-Term Debt**

	LOAN #1	LOAN #2	LOAN #3	LOAN #4
Date Issued	8/1/1986	4/12/1990	4/12/2001	
Source of Loan	General Mortgage Bonds	General Mortgage Bonds	General Mortgage Bonds	
ACC Decision No.	55144	56839	63418	
Reason for Loan	Debt, retirement, and additional construction.			
Dollar Amount Issued	\$4,000,000	\$6,000,000	\$15,000,000	\$
Amount Outstanding	\$800,000	\$6,000,000	\$15,000,000	\$
Date of Maturity	8/1/2006	3/1/2015	4/1/2031	
Interest Rate	9.25 %	9.13 %	8.04 %	%
Current Year Interest	\$95,583	\$547,800	\$ 1,206,000	\$
Current Year Principle	\$400,000	\$ -0-	\$ -0-	\$

Meter Deposit Balance at Test Year End

\$ 542,553

Meter Deposits Refunded During the Test Year

\$ 485,043

COMPANY NAME

ARIZONA WATER COMPANY

**WATER COMPANY PLANT DESCRIPTION****WELLS**

ADWR ID Number*	Pump Horsepower	Pump Yield (gpm)	Casing Depth (Feet)	Casing Diameter (Inches)	Meter Size (inches)	Year Drilled
	WILL BE FURNISHED UPON COMMISSION REQUEST.					

\* Arizona Department of Water Resources Identification Number

**OTHER WATER SOURCES**

Name or Description	Capacity (gpm)	Gallons Purchased or Obtained (in thousands)

BOOSTER PUMPS		FIRE HYDRANTS	
Horsepower	Quantity	Quantity Standard	Quantity Other

STORAGE TANKS		PRESSURE TANKS	
Capacity	Quantity	Capacity	Quantity

COMPANY NAME

ARIZONA WATER COMPANY

**WATER COMPANY PLANT DESCRIPTION (CONTINUED)****MAINS**

Size (in inches)	Material	Length (in feet)
2	*	521,782
3	*	135,825
4	*	1,404,851
5	*	
6	*	3,795,513
8	*	1,393,394
10	*	92,829
12	*	882,381
14	*	3,265
16	*	156,634
20	*	25,551
24	*	51,786
36	*	1,585

**\*\* CUSTOMER METERS**

Size (in inches)	Quantity
5/8 X 3/4	68,276
3/4	
1	3,633
1 1/2	
2	926
3	73
Turbo 3	
4	63
Turbo 4	
6	48
Turbo 6	
8	3

For the following three items, list the utility owned assets in each category.

**TREATMENT EQUIPMENT:**

Will be furnished upon Commission request.

**STRUCTURES:****OTHER:**

\* Mains consist of ductile iron, steel, cement and PVC pipe.

\*\* Turbo and compound meters are not accounted for separately.

COMPANY NAME: ARIZONA WATER COMPANY -

SUPERSTITION

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	19,161	184,467.7	186,584.9
FEBRUARY	19,201	172,067.0	176,610.7
MARCH	19,277	164,732.6	229,546.1
APRIL	19,337	202,245.2	212,562.5
MAY	19,375	221,696.0	242,071.7
JUNE	19,412	240,603.2	316,306.1
JULY	19,550	283,886.0	280,291.1
AUGUST	19,541	252,493.3	283,198.2
SEPTEMBER	19,624	251,539.8	253,166.2
OCTOBER	19,690	231,491.7	228,743.8
NOVEMBER	19,745	197,603.1	217,809.3
DECEMBER	19,805	186,871.5	187,708.1
TOTAL		N/A	2,814,598.7

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

  X   YES       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

  X   YES       NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd  
Management Plan for Phoenix Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#11	0.026
#12	0.013
#13	0.012
#14	0.019
#15	0.026
#16	0.025
#1	0.006
#2	0.012
#3	0.008

*listed in Appendix 5-L, (Low Water Use/Drought Tolerant Plant List or modifications to the list) and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.*

**5-102. Large Municipal Providers - Conservation Programs**

- A. Beginning with the calendar year determined under section 5-103, subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.*

*If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or the Institutional Provider Program.*

*A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.*

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*

- F. *All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113, and 5-114.*

**5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program**

**A. Total GPCD Requirement**

1. *Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the total GPCD program shall not withdraw, divert or receive water from any source, except spillwater, direct use effluent, effluent recovered within the area of impact, and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*
2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.*

**B. Calculation of the Annual Total GPCD Requirement**

*A large municipal provider's total GPCD requirement for a year shall be calculated as follows:*

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 178 GPHUD.*



4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
  - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
  - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

**C. Compliance with Total GPCD Requirement**

*The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.*

**D. Calculation of Large Municipal Provider's Service Area Population**

*The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:*

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this paragraph by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*

**TABLE 5-103.A**  
**GPCD COMPONENT REQUIREMENTS**  
**FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL**  
**PHOENIX ACTIVE MANAGEMENT AREA**

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP-1</i>	<i>TMP-2</i>	<i>TMP Final</i>	
<i>Adaman Mutual Water Company</i>	108	107	105	30
<i>AJ Water Facilities District</i>	100	100	100	62
<i>City of Avondale</i>	118	109	100	36
<i>AWC - Apache Junction</i>	100	100	100	34
<i>AWC - Superior</i>	100	100	100	18
<i>AWC - White Tanks</i>	136	123	111	18
<i>Berneil Water Company</i>	421	407	392	18
<i>Town of Buckeye</i>	100	100	100	47
<i>Carefree Water Company</i>	205	198	191	341
<i>Cave Creek Water Company</i>	111	109	107	45
<i>City of Chandler</i>	127	123	119	66
<i>Chaparral City Water Company</i>	140	136	133	119
<i>Citizens Utilities - Agua Fria</i>	105	103	100	19
<i>Citizens Utilities - Sun City</i>	192	184	176	50
<i>Citizens Utilities - Sun City West</i>	160	157	155	26
<i>Desert Hills Water Company</i>	102	101	100	18
<i>City of El Mirage</i>	113	107	100	39
<i>Town of Gilbert</i>	138	135	131	53
<i>City of Glendale</i>	124	121	118	52
<i>City of Goodyear</i>	136	118	100	117
<i>H2O Water Company</i>	100	100	100	18
<i>Litchfield Park Service Company</i>	178	172	165	124
<i>Luke Air Force Base</i>	100	100	100	184
<i>City of Mesa</i>	130	116	103	51
<i>Paradise Valley Water Company</i>	436	421	406	240
<i>City of Peoria</i>	130	116	102	45

**TABLE 5-103.A**  
**GPCD COMPONENT REQUIREMENTS**  
**FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL**  
**PHOENIX ACTIVE MANAGEMENT AREA**

Provider	Existing Residential			Non-Residential
	TMP 1	TMP 2	TMP Final	
City of Phoenix	135	129	123	66
Pima Utilities	133	127	122	287
Queen Creek Water Company	194	175	156	30
Rio Verde Utilities	141	139	137	855
Rose Valley Water Company	172	166	160	18
City of Scottsdale	171	166	162	71
Sunrise Water Company	133	129	124	18
City of Tempe	128	124	121	113
City of Tolleson	123	120	117	35
Valley Utilities	116	108	100	18
Williams Air Park	101	101	100	308

4. Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.
5. Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.
6. Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.
7. Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.
8. Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.
9. Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing

unit as calculated in accordance with the most recent census or other approved source of information.

10. Add the product from paragraph 8 of this subsection to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 of this subsection to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.
11. Add the results from paragraphs 5 and 10 of this subsection. The sum is the provider's service area population for the calendar year.

**E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement**

**1. Exclusion**

*A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:*

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with direct use effluent as soon as direct use effluent becomes available for delivery to the non-residential customer from the treatment facility; and the provider will completely replace the deliveries of CAP water with direct use effluent within a reasonable period of time, not to exceed ten years.*
- b. *The CAP water that the provider will deliver to the non-residential customer cannot be delivered through the provider's potable water distribution system to any of its customers located outside the boundaries of a water users association, as defined in A.R.S. § 10-140, because of treatment facility or distribution system limitations, and the provider's CAP water treatment facilities and potable water distribution system have a reasonable level of capacity.*
- c. *Granting the exclusion will result in the non-residential customer receiving effluent sooner than it would if the exclusion is not granted, and the effluent that the non-residential customer will receive as a result of the exclusion would not otherwise be put to a direct beneficial use by the provider.*
- d. *Neither the Non-Per Capita Conservation Program described in section 5-104 of this chapter nor the Alternative Conservation Program described in section 5-105 of this chapter are currently an appropriate conservation program for the provider.*
- e. *If the non-residential customer is a turf-related facility, a large-scale cooling facility, or a publicly owned right-of-way, the customer will be required to comply with conservation requirements during the duration of the exclusion identical to the conservation requirements that would apply to the customer under section 5-112 of this chapter if the customer was using groundwater.*

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3,442	20,127.5	23,859.0
FEBRUARY	3,441	17,106.9	25,132.0
MARCH	3,441	18,811.3	28,842.0
APRIL	3,429	21,392.5	29,623.9
MAY	3,437	28,138.2	43,042.9
JUNE	3,435	33,853.5	47,065.1
JULY	3,441	38,491.5	39,454.2
AUGUST	3,444	28,476.9	35,280.3
SEPTEMBER	3,456	29,026.6	32,881.3
OCTOBER	3,433	25,288.1	31,195.5
NOVEMBER	3,423	20,843.7	25,012.0
DECEMBER	3,439	18,242.3	24,050.6
TOTAL		N/A	385,438.8

**Is the Water Utility Located in an ADWR Active Management Area (AMA)?**

YES	X	NO
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**Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?**

YES X NO

**If yes, provide the GPCPD amount:**

**What is the level of arsenic for each well on your system?**

[illegible]

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	2,545	25,719.5	24,562.1
FEBRUARY	2,588	21,746.3	25,714.6
MARCH	2,598	23,394.8	29,743.3
APRIL	2,640	27,724.7	31,751.4
MAY	2,661	34,394.7	46,573.6
JUNE	2,683	47,069.0	47,755.2
JULY	2,686	42,199.3	42,178.7
AUGUST	2,692	34,851.9	39,764.2
SEPTEMBER	2,695	36,350.7	37,660.3
OCTOBER	2,719	33,771.0	35,941.7
NOVEMBER	2,707	28,485.7	25,813.5
DECEMBER	2,719	23,583.7	24,685.9
TOTAL		N/A	412,144.5

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

           YES      X       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

           YES      X       NO

If yes, provide the GPCPD amount: \_\_\_\_\_

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#3	<.002
#4	<.002
#5	<.002
#6	<.002
SE2	<.002
VM1	<.002
VM2	<.002

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	15,074	222,907.2	242,706.0
FEBRUARY	15,185	212,035.5	212,775.0
MARCH	15,284	189,936.5	303,751.0
APRIL	15,473	269,117.7	279,158.0
MAY	15,575	306,946.0	343,629.0
JUNE	15,653	353,436.0	460,882.0
JULY	15,850	417,421.4	411,243.0
AUGUST	15,901	362,086.0	380,803.0
SEPTEMBER	16,129	349,118.4	354,934.1
OCTOBER	16,208	326,010.5	306,643.0
NOVEMBER	16,371	266,273.3	277,570.0
DECEMBER	16,483	228,442.8	234,176.6
TOTAL		N/A	3,808,270.7

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

  X   YES       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

  X   YES       NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd  
Management Plan for Pinal Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#10	0.007
#14	0.009
#17	0.013
#19	0.009
#20	0.014
#21	0.017
#22	0.01
#23	0.014
#24	0.014
#25	0.01
#26	0.052
#27	0.009
#28	0.035

WELL	ARSENIC LEVEL (MG/L)
#29	0.011
TG #1	0.005
TG #3	0.007

46. *"Residential interior water use" means, with respect to a large municipal provider regulated under the Non-Per Capita Conservation Program described in section 5-104, water supplied by the provider and used for interior water use purposes by residential customers within the provider's service area.*
47. *"Residential use" means a non-irrigation use of water related to the activities of a single family or multifamily housing unit or units, including exterior water use.*
48. *"Service area" has the definition prescribed by A.R.S. § 45-402.*
49. *"Service area population" means the number of people residing in housing units connected to distribution lines maintained by the municipal provider within its service area which are being served as of July 1 of the applicable year, as determined pursuant to section 5-103, subsection D.*
50. *"Service connection" means a coupling of a municipal provider's distribution system and its customer's water system.*
51. *"Single family housing unit" means a detached dwelling, including mobile homes not in mobile home parks.*
52. *"Small municipal provider" means a municipal provider that supplies 250 or less of water for non-irrigation use during a calendar year, not including untreated water served by a municipal provider that qualifies as a large untreated water provider.*
53. *"Turf-related facility" means any facility, including cemeteries, golf courses, parks, schools or common areas of housing developments, with a water-intensive landscaped area of 10 or more acres. Turf-related facilities include, but are not limited to, those facilities listed in Appendix 6A.*
54. *"Untreated water" means water that is not treated to improve its quality and that is supplied by a municipal provider through a distribution system other than a potable water distribution system.*
55. *"Untreated water municipal distribution system" means a municipal distribution system operated by a large untreated water provider municipal provider for the purpose of delivering untreated water for non-irrigation use.*
56. *"Water-intensive landscaped area" means, for a calendar year, an area of land which is watered with a permanent water application system and planted primarily with plants not listed in Appendix 5I (Drought Tolerant/Low Water Use Plant List), or any modifications to the list, and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.*

**5-102. Large Municipal Providers - Conservation Programs**

- A.** *Beginning with the calendar year determined under section 5-103 subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied*



*for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.*

*If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or as an Institutional provider.*

*A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.*

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*
- F. All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113 and 5-114.*

**5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program**

**A. Total GPCD Requirement**

- 1. Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the Total GPCD Program shall not withdraw, divert or receive water from any source, except direct use effluent or effluent recovered within the area of*

*impact and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*

- 2. A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with the calendar year 2000, except that if the providers total GPCD requirement for the year 2000, as calculated under subsection B of this section, is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with calendar year 2002.*

**B. Calculation of the Annual Total GPCD Requirement**

*A large municipal provider's Total GPCD requirement for a year shall be calculated as follows:*

- 1. For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

- 2. Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
- 3. Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 149 GPHUD.*
- 4. Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
- 5. Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
- 6. Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
- 7. Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*

- a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
  - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

**C. Compliance with Total GPCD Requirement**

*The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.*

**D. Calculation of Large Municipal Provider's Service Area Population**

*The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:*

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
4. *Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
5. *Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.*
6. *Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.*

7. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
8. *Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
9. *Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
10. *Add the product from paragraph 8 to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.*
11. *Add the results from paragraphs 5 and 10. The sum is the provider's service area population for the calendar year.*

**TABLE 5-103.A**  
**EXISTING RESIDENTIAL AND NON-RESIDENTIAL GPCD COMPONENTS**  
**PINAL ACTIVE MANAGEMENT AREA**

	<i>First Intermediate GPCD Component for Existing Residential Population (2002-2004)</i>	<i>Second Intermediate GPCD Component for Existing Residential Population (2005-2009)</i>	<i>Final GPCD Component for Existing Residential Population (2010-Fourth Management Plan)</i>	<i>GPCD Component for Non- Residential Use</i>
<i>AWC - Casa Grande</i>	127	125	123	99
<i>AWC - Coolidge</i>	105	103	101	29
<i>Town of Florence</i>	121	119	117	80
<i>City of Eloy</i>	107	105	103	65

**E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement**

**1. Exclusion**

*A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:*

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with*

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	218	1,925.6	1,854.9
FEBRUARY	217	1,607.3	1,600.9
MARCH	215	1,483.2	2,385.5
APRIL	214	2,342.8	2,499.6
MAY	213	2,611.5	2,755.5
JUNE	214	2,846.1	3,758.1
JULY	214	3,511.9	3,392.3
AUGUST	213	2,945.1	3,115.4
SEPTEMBER	214	2,647.9	2,704.9
OCTOBER	217	2,468.9	2,268.4
NOVEMBER	218	1,822.5	1,945.7
DECEMBER	212	1,538.6	1,792.9
TOTAL		N/A	30,074.1

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

  X   YES       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

       YES  X   NO\*

\*Does not serve more than 250 acre-feet of water per calendar year

If yes, provide the GPCPD amount: \_\_\_\_\_

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.01
#3	0.009

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1,342	12,772.1	12,251.6
FEBRUARY	1,340	10,638.5	11,833.5
MARCH	1,367	12,174.4	16,511.5
APRIL	1,372	15,093.3	17,700.2
MAY	1,380	19,109.9	22,325.3
JUNE	1,405	28,523.3	33,318.1
JULY	1,405	27,279.7	29,500.1
AUGUST	1,410	27,401.7	29,963.6
SEPTEMBER	1,430	26,523.1	27,881.8
OCTOBER	1,434	24,578.2	21,814.1
NOVEMBER	1,439	20,011.0	15,957.8
DECEMBER	1,474	19,594.1	20,771.8
TOTAL		N/A	259,829.4

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

  X   YES       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

  X   YES       NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd  
Management Plan for Phoenix Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#2	0.008
#4	0.009
#7	0.007
#8	0.045

listed in Appendix 5-L, (Low Water Use/Drought Tolerant Plant List or modifications to the list) and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.

**5-102. Large Municipal Providers - Conservation Programs**

- A. Beginning with the calendar year determined under section 5-103, subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.

*If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or the Institutional Provider Program.*

*A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.*

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.
- E. A large untreated water provider shall comply with the requirements of section 5-107.

- F. All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113, and 5-114.*

**5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program**

**A. Total GPCD Requirement**

- 1. Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the total GPCD program shall not withdraw, divert or receive water from any source, except spillwater, direct use effluent, effluent recovered within the area of impact, and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*
- 2. A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.*

**B. Calculation of the Annual Total GPCD Requirement**

*A large municipal provider's total GPCD requirement for a year shall be calculated as follows:*

- 1. For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

- 2. Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
- 3. Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 178 GPHUD.*



4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
  - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
  - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

**C. *Compliance with Total GPCD Requirement***

*The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.*

**D. *Calculation of Large Municipal Provider's Service Area Population***

*The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:*

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this paragraph by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*

**TABLE 5-103.A**  
**GPCD COMPONENT REQUIREMENTS**  
**FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL**  
**PHOENIX ACTIVE MANAGEMENT AREA**

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP 1</i>	<i>TMP 2</i>	<i>TMP Final</i>	
<i>Adaman Mutual Water Company</i>	108	107	105	30
<i>AJ Water Facilities District</i>	100	100	100	62
<i>City of Avondale</i>	118	109	100	36
<i>AWC - Apache Junction</i>	100	100	100	34
<i>AWC - Superior</i>	100	100	100	18
<i>AWC - White Tanks</i>	136	123	111	18
<i>Berneil Water Company</i>	421	407	392	18
<i>Town of Buckeye</i>	100	100	100	47
<i>Carefree Water Company</i>	205	198	191	341
<i>Cave Creek Water Company</i>	111	109	107	45
<i>City of Chandler</i>	127	123	119	66
<i>Chaparral City Water Company</i>	140	136	133	119
<i>Citizens Utilities - Agua Fria</i>	105	103	100	19
<i>Citizens Utilities - Sun City</i>	192	184	176	50
<i>Citizens Utilities - Sun City West</i>	160	157	155	26
<i>Desert Hills Water Company</i>	102	101	100	18
<i>City of El Mirage</i>	113	107	100	39
<i>Town of Gilbert</i>	138	135	131	53
<i>City of Glendale</i>	124	121	118	52
<i>City of Goodyear</i>	136	118	100	117
<i>H2O Water Company</i>	100	100	100	18
<i>Litchfield Park Service Company</i>	178	172	165	124
<i>Luke Air Force Base</i>	100	100	100	184
<i>City of Mesa</i>	130	116	103	51
<i>Paradise Valley Water Company</i>	436	421	406	240
<i>City of Peoria</i>	130	116	102	45

**TABLE 5-103.A**  
**GPCD COMPONENT REQUIREMENTS**  
**FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL**  
**PHOENIX ACTIVE MANAGEMENT AREA**

Provider	Existing Residential			Non-Residential
	TMP 1	TMP 2	TMP Final	
City of Phoenix	135	129	123	66
Pima Utilities	133	127	122	287
Queen Creek Water Company	194	175	156	30
Rio Verde Utilities	141	139	137	855
Rose Valley Water Company	172	166	160	18
City of Scottsdale	171	166	162	71
Sunrise Water Company	133	129	124	18
City of Tempe	128	124	121	113
City of Tolleson	123	120	117	35
Valley Utilities	116	108	100	18
Williams Air Park	101	101	100	308

4. Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.
5. Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.
6. Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.
7. Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.
8. Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.
9. Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing

unit as calculated in accordance with the most recent census or other approved source of information.

10. Add the product from paragraph 8 of this subsection to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 of this subsection to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.
11. Add the results from paragraphs 5 and 10 of this subsection. The sum is the provider's service area population for the calendar year.

**E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement**

**1. Exclusion**

*A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:*

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with direct use effluent as soon as direct use effluent becomes available for delivery to the non-residential customer from the treatment facility; and the provider will completely replace the deliveries of CAP water with direct use effluent within a reasonable period of time, not to exceed ten years.*
- b. *The CAP water that the provider will deliver to the non-residential customer cannot be delivered through the provider's potable water distribution system to any of its customers located outside the boundaries of a water users association, as defined in A.R.S. § 10-140, because of treatment facility or distribution system limitations, and the provider's CAP water treatment facilities and potable water distribution system have a reasonable level of capacity.*
- c. *Granting the exclusion will result in the non-residential customer receiving effluent sooner than it would if the exclusion is not granted, and the effluent that the non-residential customer will receive as a result of the exclusion would not otherwise be put to a direct beneficial use by the provider.*
- d. *Neither the Non-Per Capita Conservation Program described in section 5-104 of this chapter nor the Alternative Conservation Program described in section 5-105 of this chapter are currently an appropriate conservation program for the provider.*
- e. *If the non-residential customer is a turf-related facility, a large-scale cooling facility, or a publicly owned right-of-way, the customer will be required to comply with conservation requirements during the duration of the exclusion identical to the conservation requirements that would apply to the customer under section 5-112 of this chapter if the customer was using groundwater.*

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	679	4,152.3	3,873.0
FEBRUARY	681	4,016.4	3,713.0
MARCH	693	3,467.7	4,887.0
APRIL	683	4,153.4	4,344.0
MAY	680	5,080.1	5,307.0
JUNE	684	5,644.8	6,695.0
JULY	680	5,027.8	5,811.0
AUGUST	680	5,978.9	5,978.0
SEPTEMBER	679	5,339.2	5,453.0
OCTOBER	681	4,622.4	4,380.0
NOVEMBER	681	3,335.1	3,323.0
DECEMBER	682	3,048.1	3,550.0
TOTAL		N/A	57,314.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

       YES  X   NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

       YES  X   NO

If yes, provide the GPCPD amount: \_\_\_\_\_

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
CONSECUTIVE SYSTEM	0.025

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3,059	28,433.4	30,996.0
FEBRUARY	3,048	25,652.2	29,772.0
MARCH	3,065	24,388.0	38,802.2
APRIL	3,098	34,388.7	40,275.9
MAY	3,105	40,799.4	47,142.0
JUNE	3,110	45,281.0	63,473.8
JULY	3,138	54,127.6	55,434.0
AUGUST	3,145	46,848.4	53,809.2
SEPTEMBER	3,156	48,108.1	53,649.5
OCTOBER	3,175	43,800.1	41,776.1
NOVEMBER	3,188	30,796.8	35,948.8
DECEMBER	3,195	27,705.7	30,576.4
TOTAL		N/A	521,655.9

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

  X   YES       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

  X   YES       NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd  
Management Plan for Pinal Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.003
#2	0.011
#7	0.005
#9	0.005
#10	0.004

46. *"Residential interior water use" means, with respect to a large municipal provider regulated under the Non-Per Capita Conservation Program described in section 5-104, water supplied by the provider and used for interior water use purposes by residential customers within the provider's service area.*
47. *"Residential use" means a non-irrigation use of water related to the activities of a single family or multifamily housing unit or units, including exterior water use.*
48. *"Service area" has the definition prescribed by A.R.S. § 45-402.*
49. *"Service area population" means the number of people residing in housing units connected to distribution lines maintained by the municipal provider within its service area which are being served as of July 1 of the applicable year, as determined pursuant to section 5-103, subsection D.*
50. *"Service connection" means a coupling of a municipal provider's distribution system and its customer's water system.*
51. *"Single family housing unit" means a detached dwelling, including mobile homes not in mobile home parks.*
52. *"Small municipal provider" means a municipal provider that supplies 250 or less of water for non-irrigation use during a calendar year, not including untreated water served by a municipal provider that qualifies as a large untreated water provider.*
53. *"Turf-related facility" means any facility, including cemeteries, golf courses, parks, schools or common areas of housing developments, with a water-intensive landscaped area of 10 or more acres. Turf-related facilities include, but are not limited to, those facilities listed in Appendix 6A.*
54. *"Untreated water" means water that is not treated to improve its quality and that is supplied by a municipal provider through a distribution system other than a potable water distribution system.*
55. *"Untreated water municipal distribution system" means a municipal distribution system operated by a large untreated water provider municipal provider for the purpose of delivering untreated water for non-irrigation use.*
56. *"Water-intensive landscaped area" means, for a calendar year, an area of land which is watered with a permanent water application system and planted primarily with plants not listed in Appendix 5I (Drought Tolerant/Low Water Use Plant List), or any modifications to the list, and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.*

**5-102. Large Municipal Providers - Conservation Programs**

- A. *Beginning with the calendar year determined under section 5-103 subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied*

*for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.*

*If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or as an Institutional provider.*

*A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.*

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*
- F. All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113 and 5-114.*

**5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program**

**A. Total GPCD Requirement**

- 1. Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the Total GPCD Program shall not withdraw, divert or receive water from any source, except direct use effluent or effluent recovered within the area of*



*impact and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*

2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with the calendar year 2000, except that if the providers total GPCD requirement for the year 2000, as calculated under subsection B of this section, is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with calendar year 2002.*

**B. Calculation of the Annual Total GPCD Requirement**

*A large municipal provider's Total GPCD requirement for a year shall be calculated as follows:*

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

*For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 149 GPHUD.*
4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*

- a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
  - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

**C. Compliance with Total GPCD Requirement**

*The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.*

**D. Calculation of Large Municipal Provider's Service Area Population**

*The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:*

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
4. *Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
5. *Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.*
6. *Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.*

7. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
8. *Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
9. *Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
10. *Add the product from paragraph 8 to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.*
11. *Add the results from paragraphs 5 and 10. The sum is the provider's service area population for the calendar year.*

**TABLE 5-103.A**  
**EXISTING RESIDENTIAL AND NON-RESIDENTIAL GPCD COMPONENTS**  
**PINAL ACTIVE MANAGEMENT AREA**

	<i>First Intermediate GPCD Component for Existing Residential Population (2002-2004)</i>	<i>Second Intermediate GPCD Component for Existing Residential Population (2005-2009)</i>	<i>Final GPCD Component for Existing Residential Population (2010-Fourth Management Plan)</i>	<i>GPCD Component for Non- Residential Use</i>
<i>AWC - Casa Grande</i>	127	125	123	99
<i>AWC - Coolidge</i>	105	103	101	29
<i>Town of Florence</i>	121	119	117	80
<i>City of Eloy</i>	107	105	103	65

**E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement**

**1. Exclusion**

*A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:*

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with*

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	4,458	16,886.2	17,606.0
FEBRUARY	4,449	14,569.8	16,262.0
MARCH	4,455	13,993.8	19,331.0
APRIL	4,475	17,120.0	20,211.0
MAY	4,492	25,069.2	33,548.0
JUNE	4,523	39,432.6	51,603.0
JULY	4,561	44,624.7	40,010.0
AUGUST	4,581	33,682.9	37,522.0
SEPTEMBER	4,603	32,851.3	32,619.0
OCTOBER	4,595	25,656.3	21,952.0
NOVEMBER	4,617	16,217.4	17,910.0
DECEMBER	4,600	15,296.9	18,198.0
TOTAL		N/A	326,772.0

**Is the Water Utility Located in an ADWR Active Management Area (AMA)?**

YES X NO

**Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?**

YES X NO

**If yes, provide the GPCPD amount:**

**What is the level of arsenic for each well on your system?**

WELL	ARSENIC LEVEL (MG/L)
#1	0.0043
#2	<.002
#4	<.002
#5	<.002
#6	<.002
#7	<.005
PTL #1	<.002
PTL #2	<.002

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3,630	6,581.4	6,954.0
FEBRUARY	3,625	4,995.9	7,547.0
MARCH	3,633	5,877.4	8,959.0
APRIL	3,640	6,570.3	10,014.0
MAY	3,666	11,252.6	18,819.0
JUNE	3,699	22,364.7	31,673.0
JULY	3,728	28,062.0	24,001.0
AUGUST	3,756	19,989.7	20,400.0
SEPTEMBER	3,766	18,510.5	17,908.0
OCTOBER	3,773	14,439.7	10,895.0
NOVEMBER	3,768	7,641.6	7,504.0
DECEMBER	3,765	6,035.0	7,014.0
TOTAL		N/A	171,688.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

       YES  X   NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

       YES  X   NO

If yes, provide the GPCPD amount: \_\_\_\_\_

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.006
#2	0.007
#3	0.008
#4	0.005
#5	0.007

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	2,999	18,656.7	20,951.4
FEBRUARY	3,002	18,331.3	21,635.9
MARCH	3,000	17,942.8	24,414.6
APRIL	3,016	23,626.4	24,418.2
MAY	3,020	29,533.6	28,530.2
JUNE	3,014	34,349.3	46,356.2
JULY	2,997	38,303.5	41,742.9
AUGUST	2,991	30,596.5	30,303.2
SEPTEMBER	3,003	31,669.3	30,142.2
OCTOBER	3,004	25,591.4	24,653.7
NOVEMBER	3,004	20,072.9	23,635.8
DECEMBER	2,997	18,472.6	19,177.4
TOTAL		N/A	335,961.7

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

       YES  X   NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

       YES  X   NO

If yes, provide the GPCPD amount: \_\_\_\_\_

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#6	0.009
#7	<.002
#8	<.002
#9	<.002
#10	0.011
#11	0.003
#12	<.003
#17	<.002
#18	0.004
#19	<.002
#20	<.002
#21	<.002
#22	<.002

WELL	ARSENIC LEVEL (MG/L)
#23	0.005
#24	<.002
#25	<.002
#26	0.0031
#27	0.014
#28	0.0044

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1,587	12,106.9	11,873.0
FEBRUARY	1,575	10,942.0	10,173.0
MARCH	1,582	11,378.1	12,493.0
APRIL	1,576	13,663.9	19,836.0
MAY	1,589	19,425.6	20,101.0
JUNE	1,588	26,073.6	27,296.0
JULY	1,589	25,417.4	27,218.0
AUGUST	1,592	19,966.3	20,288.0
SEPTEMBER	1,580	19,419.6	23,449.0
OCTOBER	1,578	17,744.3	15,976.0
NOVEMBER	1,559	12,227.0	12,946.0
DECEMBER	1,563	11,657.6	11,621.0
TOTAL		N/A	213,270.0

**Is the Water Utility Located in an ADWR Active Management Area (AMA)?**

           X      NO

**Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?**

**X NO**

Year	1990	1995	2000	2005	2010
1990	1990	1995	2000	2005	2010

**What is the level of arsenic for each well on your system?**

[illegible]

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1,446	7,651.2	7,839.8
FEBRUARY	1,444	7,333.9	7,294.9
MARCH	1,446	6,682.0	9,803.0
APRIL	1,442	8,017.3	9,207.5
MAY	1,448	10,357.0	11,731.4
JUNE	1,449	13,229.6	16,500.4
JULY	1,457	12,189.8	12,550.6
AUGUST	1,460	10,153.6	12,056.3
SEPTEMBER	1,456	10,915.4	11,938.0
OCTOBER	1,466	9,271.2	9,865.9
NOVEMBER	1,465	6,663.7	8,730.6
DECEMBER	1,468	7,428.1	9,115.1
TOTAL		N/A	126,633.5

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

  X   YES       NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

  X   YES       NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd  
Management Plan for Tucson Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#2	0.003
#3	0.002
#4	0.004



**5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program**

**A. Total GPCD Requirement**

1. Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the Total GPCD Program shall not withdraw, divert, or receive water from any source, except direct use effluent, effluent recovered within the area of impact and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.
2. A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.

**B. Calculation of the Annual Total GPCD Requirement**

A large municipal provider's total GPCD requirement for a year shall be calculated as follows:

1. For each calendar year 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-5.

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-5.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-5.

2. Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.
3. Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 118 GPHUD.
4. Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 78 GPCD.

5. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-5.*
6. *Determine the provider's allocation for turf-related facilities for the year as follows:*
  - a. *Add together the maximum annual water allotments in Appendix 5G, in acre-feet, for those turf-related facilities assigned to the provider in Appendix 5G to which the provider served water from any source during the year. For any year in which the provider served water from any source to all of the turf-related facilities assigned to the provider in Appendix 5G, the sum of the allotments is shown in Table 5-5. The sum is the provider's turf-related facility component for the year.*
  - b. *Multiply the component from subparagraph a of this paragraph by 325,851 gallons and then divide the product by the number of days in the year.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
  - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
  - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted, or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

**C. Compliance with Total GPCD Requirement**

*The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.*

**D. Calculation of Large Municipal Provider's Service Area Population**

*The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:*

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000 less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*

**TABLE 5-5**  
**EXISTING RESIDENTIAL, NON-RESIDENTIAL, AND TURF-RELATED FACILITY**  
**COMPONENTS**  
**TUCSON ACTIVE MANAGEMENT AREA**

Provider	Existing Residential (GPCD)			Non-Residential (GPCD)	Turf-related Facility (AF/year)
	TMP 1	TMP 2	TMP Final		
Arizona Water Company	98	98	98	8 <sup>1</sup>	0
ASPC - Tucson <sup>3</sup>	N/A	N/A	N/A	N/A	N/A
Avra Water Coop	109	108	108	4 <sup>1</sup>	0
City of Tucson	110	108	106	37	2,871.2 <sup>2</sup>
Community Water Company of Green Valley	111	110	110	21	0
Davis-Monthan Air Force Base	124	121	119	161	358.8 <sup>2</sup>
Farmers Water Company	147	139	133	116	0
Flowing Wells Irrigation District	126	121	118	21	149.1 <sup>2</sup>
Forty-Niner Water Company	275	255	240	15 <sup>1</sup>	504.5 <sup>2</sup>
Green Valley Water Company	149	149	149	27	1,386.6 <sup>2</sup>
Lago del Oro Water Company	124	123	122	23	628.1 <sup>2</sup>
Las Quintas Serenas Water Co.	107	104	102	15 <sup>1</sup>	0
Marana Water Service	137	135	133	0 <sup>1</sup>	0
Metropolitan DWID	145	141	137	25	0
Ray Water Company	104	102	102	8 <sup>1</sup>	0
Town of Oro Valley	130	129	128	40	1,555.2 <sup>2</sup>
Town of Marana	114	113	112	7 <sup>1</sup>	0
University of Arizona	40	40	40	199	0
Voyager Water Company	80	80	80	23	0

TMP = Third Management Plan

AF = acre-feet

ASPC = Arizona State Prison Complex

DWID = Domestic Water Improvement District

<sup>1</sup> Providers with a non-residential component less than 21 GPCD may increase their non-residential component up to 21 GPCD.

<sup>2</sup> The number shown in this column is the sum of the maximum annual water allotment for all turf-related facilities assigned to the provider in Appendix 5G. In any year in which the provider serves water from any source to some, but not all, of the turf-related facilities assigned to the provider in Appendix 5G, the provider's turf-related facilities component for the year is the sum of the maximum annual water allotments shown in Appendix 5G for the turf-related facilities listed in that appendix to which the provider served water during the year.

<sup>3</sup> Institutional Provider

2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
4. *Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
5. *Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.*
6. *Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.*
7. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
8. *Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
9. *Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
10. *Add the product from paragraph 8 to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.*
11. *Add the results from paragraphs 5 and 10. The sum is the provider's service area population for the calendar year.*

**E. *Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement***

**1. *Exclusion***

*A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established*

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	173	2,117.8	1,896.6
FEBRUARY	172	1,784.6	1,938.1
MARCH	173	2,067.4	2,860.8
APRIL	171	2,662.0	3,045.6
MAY	173	3,746.4	3,331.2
JUNE	173	3,481.6	3,780.0
JULY	174	3,734.6	4,359.9
AUGUST	174	4,145.1	3,583.0
SEPTEMBER	175	3,812.3	4,063.0
OCTOBER	176	3,742.3	3,148.0
NOVEMBER	178	2,521.4	2,533.0
DECEMBER	177	2,160.1	2,183.0
TOTAL		N/A	36,722.2

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

       YES  X   NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

       YES  X   NO

If yes, provide the GPCPD amount: \_\_\_\_\_

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#2	0.01
#3	<.002
#4	0.004

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	6,141	63,155.8	65,610.0
FEBRUARY	6,157	58,490.0	58,822.0
MARCH	6,170	54,221.6	85,984.0
APRIL	6,187	84,131.4	89,112.0
MAY	6,211	99,647.7	110,631.0
JUNE	6,224	117,291.3	155,821.0
JULY	6,225	146,090.8	137,294.0
AUGUST	6,220	123,449.4	126,952.0
SEPTEMBER	6,255	114,938.4	116,678.0
OCTOBER	6,254	107,373.1	99,039.0
NOVEMBER	6,256	79,164.8	76,143.0
DECEMBER	6,243	61,098.5	61,936.0
TOTAL		N/A	1,184,022.0

**Is the Water Utility Located in an ADWR Active Management Area (AMA)?**

**X NO**

**Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?**

**X NO**

\_\_\_\_\_

**What is the level of arsenic for each well on your system?**

WELL	ARSENIC LEVEL (MG/L)
#2	0.005
#4	0.008
#5	0.008
#6	0.008
#7	0.01
#8	0.008
#9	0.007
#10	0.012
#11	0.015
SGR	0.034
RR	0.031
WHM	0.033
VV	>.05
SU	>.05

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	2,821	3,091.0	4,181.0
FEBRUARY	2,821	2,187.5	5,128.0
MARCH	2,823	2,862.1	4,663.0
APRIL	2,818	2,552.6	5,155.0
MAY	2,827	4,687.6	10,745.0
JUNE	2,849	13,598.4	19,916.0
JULY	2,852	18,361.5	17,793.0
AUGUST	2,853	14,578.5	17,002.0
SEPTEMBER	2,865	12,066.1	16,883.0
OCTOBER	2,863	9,978.9	11,547.0
NOVEMBER	2,859	5,692.3	5,830.0
DECEMBER	2,853	3,163.3	5,141.0
TOTAL		N/A	123,984.0

**YES**

X NO

**YES**

**X NO**

---

[illegible]

## WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2004

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1,120	6,048.7	6,975.0
FEBRUARY	1,122	4,895.6	6,227.0
MARCH	1,127	5,869.6	8,843.0
APRIL	1,130	6,943.1	8,209.0
MAY	1,129	8,770.4	10,593.0
JUNE	1,147	11,775.4	14,394.0
JULY	1,147	12,674.8	12,198.0
AUGUST	1,141	10,052.9	11,785.0
SEPTEMBER	1,161	10,462.8	10,196.0
OCTOBER	1,143	6,695.4	7,867.0
NOVEMBER	1,155	5,626.2	6,530.0
DECEMBER	1,160	5,040.9	6,964.0
TOTAL		N/A	110,781.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

☐ YES☒ NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

☐ YES☒ NO

If yes, provide the GPCPD amount:

---

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.033
#2	0.05
#3	0.032
MH1	>.05
MH2	>.05
MH3	>.05



COMPANY NAME ARIZONA WATER COMPANY YEAR ENDING 12/31/2004

**PROPERTY TAXES**

Amount of actual property taxes paid during Calendar Year 2004 was: \$ 2,137,702

Attach to this annual report proof (e.g. property tax bills stamped "paid in full" or copies of cancelled checks for property tax payments) of any and all property taxes paid during the calendar year.

If no property taxes paid, explain why. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COMPANY NAME ARIZONA WATER COMPANY

YEAR ENDING 12/31/2004

**INCOME TAXES**

For this reporting period, provide the following:

Federal Taxable Income Reported	1,177,235	*
Estimated or Actual Federal Tax Liability	400,260	*
State Taxable Income Reported	7,991,225	*
Estimated or Actual State Tax Liability	556,829	*

Amount of Grossed-Up Contributions/Advances:

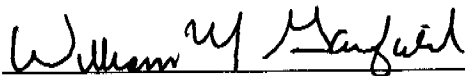
Amount of Contributions/Advances	-0-
Amount of Gross-Up Tax Collected	-0-
Total Grossed-Up Contributions/Advances	-0-

Decision No. 55774 states, in part, that the utility will refund any excess gross-up funds collected at the close of the tax year when tax returns are completed. Pursuant to this Decision, if gross-up tax refunds are due to any Payer or if any gross-up tax refunds have already been made, attach the following information by Payer: name and amount of contribution/advance, the amount of gross-up tax collected, the amount of refund due to each Payer, and the date the Utility expects to make or has made the refund to the Payer.

\* Estimated returns are filed on or about September 15.

**CERTIFICATION**

The undersigned hereby certifies that the Utility has refunded to Payers all gross-up tax refunds reported in the prior year's annual report. This certification is to be signed by the President or Chief Executive Officer, if a corporation; the managing general partner, if a partnership; the managing member, if a limited liability company or the sole proprietor, if a sole proprietorship.



SIGNATURE

4-12-2005

DATE

William M. Garfield

PRINTED NAME

President

TITLE

# RECEIVED

**VERIFICATION  
AND  
SWORN STATEMENT  
Intrastate Revenues Only**

APR 12 2005

AZ Corporation Commission  
Director Of Utilities

**VERIFICATION**

STATE OF \_\_\_\_\_

I, THE UNDERSIGNED

OF THE

COUNTY OF (COUNTY NAME) Maricopa
NAME (OWNER OR OFFICIAL) TITLE William M. Garfield, President
COMPANY NAME Arizona Water Company

**DO SAY THAT THIS ANNUAL UTILITY REPORT TO THE ARIZONA CORPORATION COMMISSION**

**FOR THE YEAR ENDING**

MONTH	DAY	YEAR
12	31	2004

HAS BEEN PREPARED UNDER MY DIRECTION, FROM THE ORIGINAL BOOKS, PAPERS AND RECORDS OF SAID UTILITY; THAT I HAVE CAREFULLY EXAMINED THE SAME, AND DECLARE THE SAME TO BE A COMPLETE AND CORRECT STATEMENT OF BUSINESS AND AFFAIRS OF SAID UTILITY FOR THE PERIOD COVERED BY THIS REPORT IN RESPECT TO EACH AND EVERY MATTER AND THING SET FORTH, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

**SWORN STATEMENT**

IN ACCORDANCE WITH THE REQUIREMENT OF TITLE 40, ARTICLE 8, SECTION 40-401, ARIZONA REVISED STATUTES, IT IS HEREIN REPORTED THAT THE GROSS OPERATING REVENUE OF SAID UTILITY DERIVED FROM ARIZONA INTRASTATE UTILITY OPERATIONS DURING CALENDAR YEAR 2004 WAS:

Arizona Intrastate Gross Operating Revenues Only (\$)

\$ 40,026,889

(THE AMOUNT IN BOX ABOVE

INCLUDES \$ 3,040,848

IN SALES TAXES BILLED, OR COLLECTED)

**\*\*REVENUE REPORTED ON THIS PAGE MUST INCLUDE SALES TAXES BILLED OR COLLECTED. IF FOR ANY OTHER REASON, THE REVENUE REPORTED ABOVE DOES NOT AGREE WITH TOTAL OPERATING REVENUES ELSEWHERE REPORTED, ATTACH THOSE STATEMENTS THAT RECONCILE THE DIFFERENCE. (EXPLAIN IN DETAIL)**

SUBSCRIBED AND SWORN TO BEFORE ME

A NOTARY PUBLIC IN AND FOR THE COUNTY OF

THIS

12th

DAY OF

*William M. Garfield*

SIGNATURE OF OWNER OR OFFICIAL

(602) 240-6860

TELEPHONE NUMBER

COUNTY NAME

Maricopa

MONTH

April

2005

*Katherine E. Dietrich*

SIGNATURE OF NOTARY PUBLIC



# RECEIVED

APR 12 2005

VERIFICATION  
AND  
SWORN STATEMENT  
**RESIDENTIAL REVENUE**  
INTRASTATE REVENUES ONLY

AZ Corporation Commission  
Director Of Utilities

VERIFICATION

STATE OF ARIZONA

I, THE UNDERSIGNED

OF THE

COUNTY OF (COUNTY NAME) Maricopa	
NAME (OWNER OR OFFICIAL) William M. Garfield	TITLE President
COMPANY NAME Arizona Water Company	

DO SAY THAT THIS ANNUAL UTILITY REPORT TO THE ARIZONA CORPORATION COMMISSION

FOR THE YEAR ENDING

MONTH	DAY	YEAR
12	31	2004

HAS BEEN PREPARED UNDER MY DIRECTION, FROM THE ORIGINAL BOOKS, PAPERS AND RECORDS OF SAID UTILITY; THAT I HAVE CAREFULLY EXAMINED THE SAME, AND DECLARE THE SAME TO BE A COMPLETE AND CORRECT STATEMENT OF BUSINESS AND AFFAIRS OF SAID UTILITY FOR THE PERIOD COVERED BY THIS REPORT IN RESPECT TO EACH AND EVERY MATTER AND THING SET FORTH, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

SWORN STATEMENT

IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 40, ARTICLE 8, SECTION 40-401.01, ARIZONA REVISED STATUTES, IT IS HEREIN REPORTED THAT THE GROSS OPERATING REVENUE OF SAID UTILITY DERIVED FROM ARIZONA INTRASTATE UTILITY OPERATIONS RECEIVED FROM RESIDENTIAL CUSTOMERS DURING CALENDAR YEAR 2004 WAS:

ARIZONA INTRASTATE GROSS OPERATING REVENUES

\$ 29,325,714

(THE AMOUNT IN BOX AT LEFT  
INCLUDES \$ 2,227,874

IN SALES TAXES BILLED, OR COLLECTED)

\*RESIDENTIAL REVENUE REPORTED ON THIS PAGE  
MUST INCLUDE SALES TAXES BILLED.

*William M. Garfield*  
SIGNATURE OF OWNER OR OFFICIAL

(602) 240-6860

TELEPHONE NUMBER

SUBSCRIBED AND SWORN TO BEFORE ME

A NOTARY PUBLIC IN AND FOR THE COUNTY OF

THIS

12th

DAY OF

NOTARY PUBLIC NAME <i>Katherine E. Dietrich</i>	
COUNTY NAME <i>Maricopa</i>	
MONTH <i>April</i>	2005

(SEAL)

MY COMMISSION EXPIRES 11/21/06

*Katherine E. Dietrich*  
SIGNATURE OF NOTARY PUBLIC



## **FINANCIAL INFORMATION**

Attach to this annual report a copy of the companies' year-end (Calendar Year 2004) financial statements. If you do not compile these reports, the Utilities Division will supply you with blank financial statements for completion and filing. **ALL INFORMATION MUST BE ARIZONA-SPECIFIC AND REFLECT OPERATING RESULTS IN ARIZONA.**

**ARIZONA WATER COMPANY**  
**BALANCE SHEET**  
**AS OF DECEMBER 31, 2004**

ASSETS		This Year	Last Year	Change	LIABILITIES		This Year	Last Year	Change
UTILITY PLANT:					STOCKHOLDERS' EQUITY:				
Plant in service		\$224,485,063	\$206,921,436	\$17,563,627	Common stock-stated value \$10 per share;				
Construction work in progress		2,885,398	1,761,907	1,123,491	500,000 shares authorized,				
					270,000 shares outstanding				
Total		227,370,461	208,683,343	18,687,118	Capital surplus				
Accumulated depreciation and amortization		(56,045,999)	(51,538,267)	(4,507,732)	Retained earnings				
					Total stockholders' equity				
Utility plant-net		171,324,462	157,145,076	14,179,386					
CURRENT AND ACCRUED ASSETS:					LONG-TERM DEBT:				
Cash		524,566	343,608	180,958	Mortgage bonds and other-see page 3				
Investments and Special Deposits		2,703	2,703	0					
Accounts receivable:					CURRENT AND ACCRUED LIABILITIES:				
Customers		2,600,568	2,467,429	133,139	Current maturities of long-term debt				
Other		(22,093)	27,584	(49,677)	Accounts payable:				
Allowance for doubtful accounts		(17,507)	(20,365)	2,858	General				
Materials and supplies		201,053	204,649	(3,596)	Customer service deposits				
Prepaid expenses		661,171	346,910	314,261	Accrued taxes:				
					Federal and State income				
Total current and accrued assets		3,950,461	3,372,518	577,943	Property				
					Other				
					Accrued interest				
					Total current and accrued liabilities				
DEFERRED DEBITS:					DEFERRED CREDITS AND RESERVES:				
Deferred debt expense		35,088	37,992	(2,904)	Refundable advances for construction				
Other		6,020,086	6,232,123	(212,037)	Special maintenance reserves				
					Deferred income tax				
Total deferred debits		6,055,174	6,270,115	(214,941)	Other				
					Total deferred credits and reserves				
TOTAL		\$181,330,097	\$166,787,709	\$14,542,388					
					CONTRIBUTIONS IN AID				
					OF CONSTRUCTION-NET				
					TOTAL				

**ARIZONA WATER COMPANY**  
**STATEMENT OF INCOME AND RETAINED EARNINGS**  
**MONTH AND PERIOD ENDED DECEMBER 31, 2004**

	CURRENT MONTH		FISCAL YEAR TO DATE		TWELVE MONTHS ENDED	
	This Year	Last Year	This Year	Last Year	This Year	Last Year
<b>OPERATING REVENUE</b>	\$3,001,738	\$2,724,616	\$40,026,889	\$37,545,304	\$40,026,889	\$37,545,304
<b>OPERATING EXPENSES:</b>						
Operations	1,171,284	1,115,114	15,354,640	14,749,689	15,354,640	14,749,689
Maintenance	309,308	287,250	3,273,639	3,022,298	3,273,639	3,022,298
Provision for depreciation and amortization	451,765	298,869	4,858,460	4,471,079	4,858,460	4,471,079
Taxes:						
Federal and State income	(73,852)	(80,381)	3,473,252	2,745,016	3,473,252	2,745,016
Property	165,133	157,359	2,132,494	2,071,412	2,132,494	2,071,412
Other	266,300	243,326	3,542,372	3,331,856	3,542,372	3,331,856
Total operating expenses	2,289,938	2,021,537	32,634,857	30,391,350	32,634,857	30,391,350
<b>OPERATING INCOME</b>	711,800	703,079	7,392,032	7,153,954	7,392,032	7,153,954
<b>OTHER INCOME &amp; DEDUCTIONS-NET</b>	3,259,112	12,482	3,722,496	141,949	3,722,496	141,949
<b>INCOME BEFORE INTEREST EXPENSE</b>	3,970,912	715,561	11,114,528	7,295,903	11,114,528	7,295,903
<b>INTEREST EXPENSE:</b>						
Mortgage bonds	152,316	155,400	1,849,383	1,886,383	1,849,383	1,886,383
Bank loans	0	176	281	3,699	281	3,699
Parent Company	0	0	6,429	101,085	6,429	101,085
Other	(9,106)	(5,871)	(103,570)	(137,788)	(103,570)	(137,788)
Amortization of debt expense	242	242	2,904	2,904	2,904	2,904
Total interest expense	143,452	149,947	1,755,427	1,856,283	1,755,427	1,856,283
<b>NET INCOME</b>	3,827,460	565,614	9,359,101	5,439,620	9,359,101	5,439,620
<b>ADD (DEDUCT):</b>						
Retained Earnings at Beginning of Period	51,299,968	48,880,113	49,445,727	47,275,807	49,445,727	47,275,807
Dividends:						
Common Dividends	0	0	(3,677,400)	(3,269,700)	(3,677,400)	(3,269,700)
<b>RETAINED EARNINGS AT END OF PERIOD</b>	\$55,127,428	\$49,445,727	\$55,127,428	\$49,445,727	\$55,127,428	\$49,445,727
<b>NET EARNINGS PER SHARE OF COMMON STOCK</b>			\$34.66	\$20.15	\$34.66	\$20.15

**ARIZONA WATER COMPANY**  
**LONG-TERM DEBT DETAIL**  
**AS OF DECEMBER 31, 2004**

	<u>This Year</u>	<u>Last Year</u>
<b>GENERAL MORTGAGE BONDS:</b>		
Series I, 9.25% - due August 1, 2006	\$800,000	\$1,200,000
Series J, 9.13% - due March 1, 2015	6,000,000	6,000,000
Series K, 8.04% - due April 1, 2031	15,000,000	15,000,000
Total general mortgage bonds	<u>21,800,000</u>	<u>22,200,000</u>
<b>Less CURRENT MATURITIES</b>	<u>400,000</u>	<u>400,000</u>
<b>TOTAL LONG-TERM DEBT</b>	<u>\$21,400,000</u>	<u>\$21,800,000</u>



**ARIZONA WATER COMPANY**

**Property Taxes Paid 2004 - Actual**

<b>Check Date</b>	<b>Check #</b>	<b>Amount</b>	<b>County</b>
05/01/04	74818	71,711.07	Cochise
05/01/04	74819	43,168.71	Coconino
05/01/04	74820	65,296.84	Gila
05/01/04	74821	48,926.39	Maricopa
05/01/04	74822	17,367.85	Maricopa
05/01/04	74823	69,140.82	Navajo
05/01/04	74825	13,297.07	Pima
05/01/04	74830	685,891.55	Pinal
05/01/04	74831	37,749.21	Yavapai
11/01/04	78468	73,162.51	Cochise
11/01/04	78469	45,490.65	Coconino
11/01/04	78470	57,466.18	Gila
11/01/04	78471	51,790.52	Maricopa
11/01/04	78472	18,407.77	Maricopa
11/01/04	78473	74,000.09	Navajo
11/01/04	78475	12,391.68	Pima
11/01/04	78476	710,057.67	Pinal
11/01/04	78477	42,385.88	Yavapai
Total Property Tax Paid 2004		<u>\$2,137,702.46</u>	
Rounded to the Nearest Dollar		\$2,137,702	